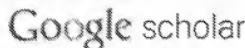


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A Sinha, SK Gupta, MA Breuer - IEEE Transactions on Advanced ..., 2002 - ee.issu.edu.tw

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... of our thinking would, directly or indirectly, put an end to an entire **parasitic** netherworld ... events
is a key aspect of the philosophy of science undergirding contemporary **behavioral** psychology ...I have also argued for certain criteria for construct formulation and **validation**, and that an ...

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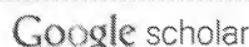
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T Salter, G Metzea, N Goldsmannb

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... However, when antennas are integrated on silicon [36], electromagnetic and circuit analysis must be combined. ... energy and visa versa) an antenna cannot be treated as a **parasitic** component and co ... The silicon substrate cannot be approximated by an **ideal** conductive plane. ...
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... will be. An **ideal** inductor with no resistance and capacitance has infinite ... In that case, the use of **parasitic** extraction tools or 2-D field solvers is suggested. IV. ... Substrate coupling can degrade performance in small RF de-signs, as shown in Fig. 12. ...
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... It is well known that, at moderate operating frequencies, metal interconnects are not **ideal** and the self ... numerous numerical algorithms have been developed for static and low-frequency **parasitic** extraction [5 ... Equa-tions (1) and (2) can be **combined** to yield a second-order vector ...
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... For a straight TEM transmission-line consisting of **ideal** conductors embedded in a homogeneous ... when antennas are integrated on silicon [36], electromagnetic and circuit analysis must be **combined**. ... and visa versa) an antenna cannot be treated as a **parasitic** component and ...
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... is shorter, relative to the size of the SAW filters, leading to increased **parasitic** effects ... static approximation that are based on circuit models consisting of a network of **ideal** inductors, capacitors ... The exported S parameters are then **combined** with the responses of IDTs to obtain ...
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R Frevert, J Haase, R Jancke, U Knobel - 2005 - books.google.com

... At system level the RF subsystem was specified either with **ideal** parameters or with parameters ... After layout, **simulation** parasitic effects can be back-annotated into the circuit netlist. ... The designed

circuits can now be **combined** into functional blocks, which are checked against ...

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A layout-aware synthesis methodology for RF circuits - ► [psu.edu](#) [PDF]

P Vancorenland, G Van der Plas, M Steyaert, G ... - Proceedings of the ..., 2001 - portal.acm.org

... At GHz frequencies, all the **parasitic** elements of both the active and passive elements also come ...

This approach is however not usable when sizing and layout are **combined** in one ... to optimize the trade-off between these several specifications, making it an **ideal** candidate for ...

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R Quay, R Reuter, T Grasser, S ... - ... Electron Devices for ..., 1999 - publik.tuwien.ac.at

... changes from a maximum local temperature of about 360 K in the **ideal** case to a ... The obvious advantage of a **combined** electro-thermal simulation is that the impact of the ... behavior was obtained regarding the temperature dependence of the equivalent circuit **parasitic** elements. ...

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H Nieminen, V Ernolov, K Nyberg, S Silantoi, T ... - ... of Micromechanics and ..., 2002 - iop.org

... However, in reality the **parallel parasitic** capacitance limits the maximum control range and leakage ... Estimations for the capacitance values can be calculated using the **parallel plate** approximation ... this temperature-dependent stress affects the capacitance as a **function** of control ...
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MJ Deen, TA Fieldly - 2002 - books.google.com

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Cited by 37 - Related articles - [Library Search](#)**NSGA-based parasitic-aware optimization of a 5GHz low-noise VCO**M Chu, DJ Allstot, JM Huard, KY Wong - ... of the 2004 conference on Asia ..., 2004 - portal.acm.org
... optimization techniques (original GA, PSO, etc.) that combine multiple objectives into a single **cost function**: sensitivity to ... multiple solutions along the Pareto optimal front as well as its efficiency in **parallel** execution. VI. ... [1] J. Park, K. Choi, and DJ Allstot, "Parasitic-aware design ...
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... described. Layout-dependent effects such as **parasitic** electromagnetic coupling are included: ...
FACET, Functional Analysis of Circuits by Electromagnetic Theory, is a CAE ... FACET models all the features shown including an optional continuous ground plane **parallel** to the PCB, ...
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... Each code uses **parallel** computing architectures to perform the required calculations ... the D, , and Be species absorption is low, and interestingly, both codes predict low **parasitic** absorption of ... Although a weak tail forms on the tritium distribution **function** due to the rf heating (see ...
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M Behera, V Kratyuk, SK De, NR Aluru, Y Hu, ... - Journal of ..., 2005 - netfiles.uic.edu

... Experimental results for the 2.4-GHz VCO, employing the two-**parallel-plate** MEMS capacitor made up of polysil- icon/gold have been ... As described in Section III, these **parasitic** capacitances have been accounted for in our simulations. ... (a) Capacitance as a **function** of voltage ...
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AM Niknejad, RG Meyer - IEEE Journal of Solid-State Circuits, 1998 - Citeseer

... extracted inductance is not physical and contains the effects of the capacitive coupling, which tends to boost the inductance as a function of frequency, similar to a parallel tank. ... 6(b), which contain **parasitic** elements so that our extraction of inductance is more physical. ...

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A Dec, K Suyama - IEEE transactions on microwave theory and ..., 1998 - my.ece.ucsb.edu

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MS Chan, HL Guyatt, DAP Bundy, M Booth, AJC ... - Epidemiology and ..., 1995 - jstor.org

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AF Cowman, BS Crabb - Trends in parasitology, 2003 - Elsevier

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... The parasitic interferometer induces variability in the LO signal on the chilled detector, which affects system gain. ... (2). By dividing the mean spatial spectrum by the transfer function Eq. ... Figure 24 is a comparison of the corrected spatial and temporal power spectra. ...

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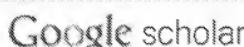
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M Meissner, C Agop-Nersesian, WJ Sullivan - Applied microbiology and ..., 2007 - Springer

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... studied and the collector/base reverse bias is varied to modulate the **parasitic** energy barrier ... used to predict the temperature dependence of the collector current for **comparison** with measurement. ... is able to predict both the measured collector current as a **function** of temperature ...

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... with the same channel length, but with a width of m. This **comparison** is shown ... 3. Nonquasi-static
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